

1 BILL NO. S-82-09-24

2 SPECIAL ORDINANCE NO. S-177-82

3 AN ORDINANCE approving Change Order  
4 No. 2, Water Quality Control Project,  
5 AWT, Federal Grant No. C-180774-03,  
6 in connection with the Board of  
7 Public Works.

8 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF  
9 FORT WAYNE, INDIANA:

10 SECTION 1. That Change Order No. 2, Water Quality  
11 Control Project, AWT, Federal Grant No. C-180774-03, with  
12 Hagerman-Shambaugh, Joint Bidders, in connection with the Board  
13 of Public Works, for:


14 material change in the walk-in incubator,  
15 open cut of sewer line, and roof flashing,  
16 and the elimination of wiring and one control  
loop to the sluice gate, and the addition  
of two buried gate valves and one motorized  
ventilation damper,

17 involving a net decrease in the amount of Six Thousand Seven  
18 Hundred Fifty and 25/100 Dollars (\$6,750.25) as set out in the  
19 specifications, which are on file in the Office of the Board of  
20 Public Works and are by reference incorporated herein, made a  
21 part hereof and are hereby in all things ratified, confirmed  
22 and approved.

23 SECTION 2. That this Ordinance shall be in full force  
24 and effect from and after its passage and any and all necessary  
25 approval by the Mayor.

26   
27 Councilmember

28 APPROVED AS TO FORM  
29 AND LEGALITY

30   
31 Bruce O. Boxberger, City Attorney  
32

Read the first time in full and on motion by Burns, seconded by Burns, and duly adopted, read the second time by title and referred to the Committee City Auditor (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on \_\_\_\_\_, 19\_\_\_\_, at \_\_\_\_\_ o'clock \_\_\_\_M., E.S.T.

DATE: 9-14-82

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Burns, seconded by Burns, and duly adopted, placed on its passage. PASSED (LOST) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BRADBURY</u>	<u>✓</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>✓</u>	_____	_____	_____	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCRUGGS</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 9-28-82

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL)

(APPROPRIATION) ORDINANCE (RESOLUTION) NO. S-177-82  
on the 28th day of September, 1982.

ATTEST:

(SEAL)

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Samuel J. Talarico  
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 29th day of September, 1982, at the hour of 11:30 o'clock A.M., E.S.T.

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 4th day of October 1982, at the hour of 10 o'clock A.M., E.S.T.

Win Moses, Jr.  
WIN MOSES, JR. - MAYOR

BILL NO. S-82-09-24

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN  
ORDINANCE approving Change Order No. 2, Water Quality Control  
Project, AWT, Federal Grant No. C-180774-03, in connection with  
the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT  
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE 24 PASS.

PAUL M. BURNS - CHAIRMAN

MARK E. GIAQUINTA - VICE CHAIRMAN

JAMES S. STIER

JANET G. BRADBURY

ROY J. SCHOMBURG

9-28-82  
DATE 9-28-82 CONCURRED IN  
CHARLES W. WESTERMAN, CITY

PROJECT Water Quality Control Project OWNER City of Fort Wayne, IndianaEXECSION/SECTION AWT - Phases A, B and C (EPA Project No. C180774-03)CHANGE ORDER NO. 2

TO: Hagerman-Shambaugh, Joint Bidders  
510 W. Washington Blvd. P.O. Box 106901  
Fort Wayne, Indiana 46853-0690

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change (Deduct) <del>X 288</del>	Revised Contract Amount
TOTAL	\$ 12,893,619.00	\$ 2,785.75	\$ 9,536.00	\$ 6,750.25	\$ 12,886,868.75

Description of Change:

AddDeductItem No. 1

Provide all necessary labor and material to make the following revisions in the laboratory:

- a. Delete the Walk-In Incubator (Item D29-17.D) and all associated electrical and plumbing items.
- b. Delete the Refrigerator (Item D29-17.J).
- c. Add six (6) incubator/freezers such as Forma Scientific Model 3770 or equal.
- d. Add a block wall to enclose the return air duct, extend the flooring and ceiling in this area, paint the block walls, add two "J" light fixtures, and four electrical circuits for the additional outlets. (See Attachment A).

-0-

\$ 5,075.00

Item No. 2

Furnish and install two (2) eight-inch buried gate valves, together with all necessary appurtenances in the plant water lines near the northwest corner of the aeration control building. This change is for materials only and all installation costs are to be borne by contractor. (See Attachment B).

\$ 658.75

-0-

PAGE NO. 2CHANGE ORDER NO. 2PROJECT AWT - Phases A, B & C - Fort Wayne, Indiana

<u>Description of Change:</u>	<u>Add</u>	<u>Deduct</u>
<u>Item No. 3</u>		
Furnish and install a motorized ventilation air shut-off damper in the 32" x 32" duct connection between the roof intake air filter bank on the New Blower Building. The damper shall be interconnected to exhaust fan #BB-3 and be per specification section D-13, Item 48, paragraphs M & N, Page D13/30. (See Attachment C).	\$ 747.00	-0-
<u>Item No. 4</u>		
Provide all necessary labor and materials to revise as described, the plant drain additions as shown on Plant Sheet GD-3:		
a. Completely delete the jacking and boring, and all associated work.		
b. Install the 14-inch plant drain employing open cut construction methods and providing protection for all existing utilities. Provide granular backfill for area under Dwenger Avenue and include sidewalk, curb, and street repair. All construction shall be in accordance with project specifications and special construction permit attained by the owner. (See Attachment D).	-0-	\$ 2,772.00
<u>Item No. 5</u>		
Change the roof base flashings on the new blower building, laboratory, sludge pump building, and return sludge pump building from metallic copper to Owens Corning Fiberglas Perma-Flash, Johns Manville Glas Base, or equal. (See Attachment E).	-0-	978.00
<u>Item No. 6</u>		
Change Order No. 1, Item No. 1, included in part, deletion of a 42" sluice gate, (Motor No. 44) associated wiring, and control function outlined in Control Loop 1519. The additional credit offered in this change order is for electrical wiring and installation as well as deletion of Control Loop No. 1519. (See Attachment F).	-0-	711.00

CHANGE ORDER NO. 2PAGE 3Description of Change:AddDeductItem No. 7

Provide all necessary labor and materials to change the construction of the new laboratory building slab as follows:

- a. Delete the backfill shown under the slab from elev. 747.00 up to the slab.
- b. Add a 42" x 42" access hatch in the slab in the location for the storage room. The hatch shall be 1/4-inch aluminum checkered plate bolted down on a rubber gasket. (See Attachment G).

\$1,380.00-0-

TOTALS

\$2,785.75\$9,536.00

Net Change - Deduct

\$6,750.25TIME:

These changes shall not affect the time for completion of the project.

## RECOMMENDED:

HOWARD NEEDLES TAMMEN &amp; BERGNEDOFF

By Ray N. Hoehner  
Title Proj. Manager Date 7/29/82

## ACCEPTED:

HAGERMAN-SHAMBAUGH, Joint Bidders  
ACCEPTED FOR HAGERMAN CONSTRUCTION CORP.  
CONTRACTOR

By [Signature]  
Title P.S. Date 7/28/82

ACCEPTED FOR SHAMBAUGH & SON, INC.  
CONTRACTOR

By [Signature]  
Title Asst. Secy Date 7-28-82

## APPROVED:

CITY OF FORT WAYNE, INDIANA  
OWNER

By [Signature]  
Stephen A. Bailey, Chairman  
Robert Anderson, Member  
Roberta Anderson Staten, Member

[Signature]  
Betty R. Collins, Member

Title BOARD OF PUBLIC WORKS

Date 8-11-82.

Recommended for Payment  
Department of Water Resources

Date 8/5/82 By [Signature]

WATER QUALITY CONTROL PROJECT

AWT - PHASES A, B & C  
CITY OF FORT WAYNE, INDIANA

JUSTIFICATION FOR CHANGE

CHANGE ORDER NO. 2

I. NECESSITY FOR CHANGE:

Item No. 1

The addition of five individual incubators will provide equal shelf space to the walk-in unit. Also, having individual units will provide the option of different temperature settings for each unit. With a single unit, all samples are stored or processed at one temperature. Deletion of the refrigerator and adding a sixth incubator will provide standardization of all units.

Item No. 2

Addition of the two valves on the plant water lines will provide the City with increased operation and maintenance flexibility in the use of the plant water system and to provide improved assurance of water supply for chlorination and other uses of plant water.

Item No. 3

The air shut-off damper is necessary for energy conservation, to prevent cold air from moving into the building through the duct when the unit is not in operation.

Item No. 4

The original justification for boring under Dwenger Avenue was to preserve integrity of the street and to not disrupt traffic. The Maumee River flood of March, 1982, caused substantial damage to Dwenger Avenue, and traffic is now partially disrupted because large portions of the street will require repaving. Open cut construction methods will not cause a greater degree of disruption considering the current condition of the street.

Item No. 5

Under current construction practices, material suppliers of roofing systems do not recommend the use of metal base flashings in roofing systems. Therefore, to preserve the intention of providing a bondable roofing system, this change is being made.

Water Quality Control Project  
AWT - Phases A, B & C  
City of Fort Wayne, Indiana  
Justification For Change  
Change Order No. 2  
Page -2-

Item No. 6

At the time of the preparation of Change Order No. 1, the inclusion of the mechanical and structural portions of this item were necessary to prevent a delay in job progress. The electrical and instrumentation portions of the item were non-critical in respect to job progress and were not clearly defined. After execution of Change Order No. 1, these portions of the work were more accurately defined and then properly credited. The additional credit is reflected in this item.

Item No. 7

The deletion of backfill from elev. 747.00 and addition of an access hatch to the two plant water discharge lines will facilitate repair and/or maintenance in the event of a line break or blockage.

II. WILL PROPOSED CHANGE ALTER SIZE OF PROJECT:

The proposed change described herein will not significantly alter the existing design flow or size of this project.

III. EFFECT ON OPERATION AND MAINTENANCE OF THIS PROJECT:

It is the Engineer's professional opinion that the above items will help to improve operability and maintenance tasks at the plant.

III. TIME OF COMPLETION:

These changes will not affect the time of completion of the project.



TITLE OF ORDINANCE CHANGE ORDER #2, Water Quality Control Project, AWT, C-180774-03

DEPARTMENT REQUESTING ORDINANCE Board of Public Works

5-12-09-24

SYNOPSIS OF ORDINANCE This change order reflects material change in the walk-in

incubator, open cut of sewer line, and roof flashing, and the elimination of  
wiring and one control loop to the sluice gate, and the addition of 2 buried gate  
valves and one motorized ventilation damper.

EFFECT OF PASSAGE will help to improve operability and maintenance tasks at the plant

EFFECT OF NON-PASSAGE improvement will not be made

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) Net Decrease \$6,750.25

ASSIGNED TO COMMITTEE \_\_\_\_\_